

ABSTRACT

A display apparatus for displaying projected images to a user comprises an enclosure with an aperture between the interior and exterior of the enclosure. A projector adjacent the aperture projects light through the aperture and against a screen surface to form an image that is visible to the user at a viewing station. A mask blocks light from the projector proceeding to the eyepoint of the user. The method of the invention comprises projecting an image through the aperture onto the projection screen and blocking a portion of the light that is scattered from the last lens surface with the mask while permitting the image to proceed to the projection screen to be viewed.